
press-release

Power2Drive Europe, Munich, 19th to 21st June 2024

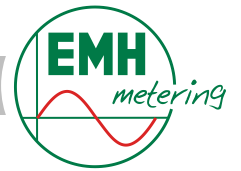
EMH metering presents e-mobility meter featuring price visualisation in accordance with the AFIR

Gallin, 29 May 2024. At the European e-mobility trade fair "Power2Drive Europe" (19 - 21 June 2024), EMH metering will present a newly developed meter for legally compliant AC charging in public places. EMH metering, a leading manufacturer of digital metering technology, has developed the e-mobility meter to meet the requirements of the new European AFIR regulation. With ad-hoc charging, customers can see the price directly at the charging station. The DIN-rail meter is particularly compact and robust, and is also suitable for private wall boxes. The company will be exhibiting at the joint stand of the Bundesverband eMobilität (BEM) (Hall B6 Stand 450 I).

From 13 April 2024, new rules will apply to electric car charging points in public areas. The European AFIR requires the current price to be displayed on the charging station housing for the end user. "Solutions that rely on external billing terminals for multiple charging stations and only display the price there are no longer sufficient," emphasises Michael Buckentin of EMH metering. iML's e-moc display therefore shows prices directly at the charging station, indicating kWh, minute, session as well as consumption and resulting costs - all in the respective local currency.

The iML is also designed for home charging and already supports bi-directional charging. Its compact DIN-rail format (4 TE) also makes the iML e-moc suitable for small charging stations and wall boxes. The iML e-moc is rugged and designed for temperatures up to 75 degrees Celsius. It also meets the European MID (Measurement Instruments Directive) specification and the legal calibration requirements for billing in Germany and Austria.

EMH metering has integrated a number of additional technical features into the new e-mobility meter. These make the metering process more reliable and secure and significantly simplify the approval of the charging station. For example, the meter has a signature function with data in OCMF format and is supported by the S.A.F.E. transparency software. The display is backlit for easy reading and meets the legal calibration requirement for clear meter readability. The meter can compensate for systemic measurement errors, with the recorded resistance value for charging cables stored in the meter in accordance with calibration regulations. Meter-switch co-ordination ensures that the charging process is correct. This makes it easier to approve the charging system. The standby power supply also ensures that the charging infrastructure is easy to maintain.



At the trade fair stand, EMH metering will showcase the installation and function of the meter with a wall box demonstration. **EMH metering GmbH at Power2Drive Europe: Hall B6.450 I (BEM joint stand).**

About EMH metering GmbH & Co. KG

EMH metering GmbH & Co. KG is one of the world's leading suppliers of digital systems for the collection, transmission, storage and distribution of energy measurement data. With intelligent and integrated measuring systems, EMH metering enables energy companies to digitise their energy systems and develop new business models. The product range comprises precision meters in the extra-high voltage and transmission networks, special meters for medium and low voltage distribution networks, electronic domestic supply meters, DIN rail meters for industrial applications as well as the corresponding communication systems and gateways. For the upcoming smart meter rollout in Germany, EMH metering is offering the necessary products and components that comply with legal requirements. EMH metering was founded in 1991 and has its headquarters in Gallin, near Hamburg. 300 employees work at a total of two locations.

Web: www.emh-metering.com

LinkedIn: <https://www.linkedin.com/company/emh-metering-gmbh-&-co-kg/>

Press contact

Eva Wagenbach
möller pr
Phone: +49 (0)221 80 10 87-89
Email: ew@moeller-pr.de
www.moeller-pr.de